



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 5

Test Date: March 2009  
Code: 10741263  
SAU: Hermon School Department  
School: Hermon Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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# SUMMARY OF SCORES

Test Date: March 2009

Grade: 5

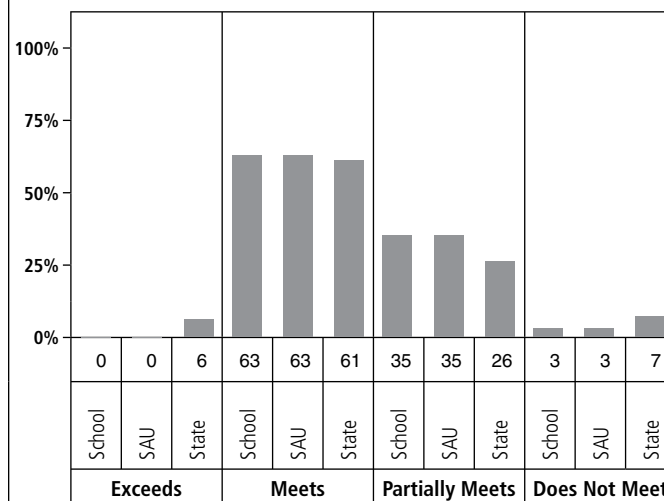
SAU: Hermon School Department

School: Hermon Middle School

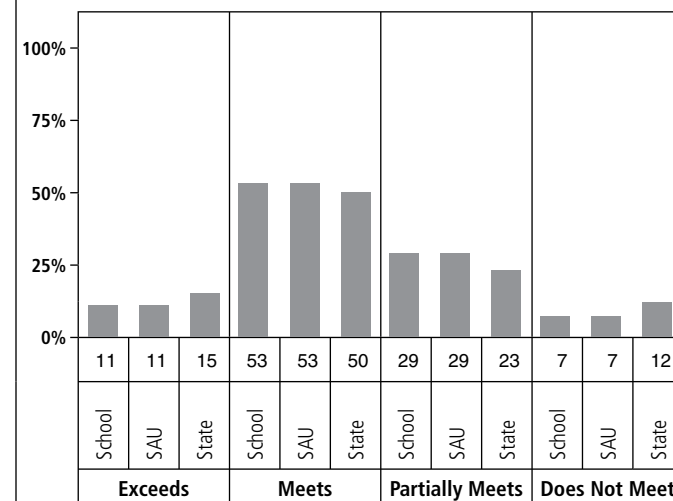
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	542	542	544
2007–2008	544	544	545
<b>2008–2009</b>	<b>545</b>	<b>545</b>	<b>546</b>
Cum. Avg.*	544	544	545
<b>Mathematics</b>			
2006–2007	545	545	546
2007–2008	546	546	546
<b>2008–2009</b>	<b>547</b>	<b>547</b>	<b>547</b>
Cum. Avg.*	546	546	546
<b>Science</b>			
<b>2008–2009 **</b>	<b>540</b>	<b>540</b>	<b>543</b>

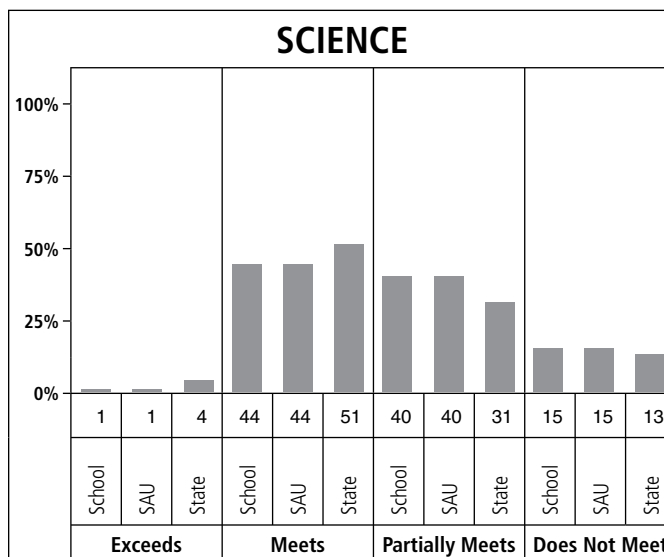
## ELA – READING



## MATHEMATICS



## SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\*Because science testing moved from grade 4 to grade 5 in March 2009, science standards were reset and therefore no historical data are available.

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
Grade: 5  
SAU: Hermon School Department  
School: Hermon Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
<b>Total number of students</b>	76	100	76	100	14212	100	76	100	76	100	14135	100	76	100	76	100	14144	100	76	100	76	100	14137	100
<b>Ethnicity</b> African American/Black	1	1	1	1	397	3	1	100	1	100	388	98	1	100	1	100	393	99	1	100	1	100	389	98
American Indian or Native Alaskan	0	0	0	0	110	1	0	0	0	0	110	100	0	0	0	0	110	100	0	0	0	0	110	100
Asian or Pacific Islander	1	1	1	1	259	2	1	100	1	100	253	98	1	100	1	100	258	100	1	100	1	100	257	99
Hispanic	0	0	0	0	175	1	0	0	0	0	172	99	0	0	0	0	172	99	0	0	0	0	173	99
Caucasian/White	74	97	74	97	13271	93	74	100	74	100	13212	100	74	100	74	100	13211	100	74	100	74	100	13208	100
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	6	8	6	8	2479	17	6	100	6	100	2454	100	6	100	6	100	2455	100	6	100	6	100	2451	99
<b>Current LEP</b>	0	0	0	0	374	3	0	0	0	0	359	96	0	0	0	0	370	99	0	0	0	0	366	98
<b>Economically disadvantaged</b>	10	13	10	13	5848	41	10	100	10	100	5815	100	10	100	10	100	5819	100	10	100	10	100	5812	100
<b>Migrant</b>	0	0	0	0	8	0	0	0	0	0	8	100	0	0	0	0	8	100	0	0	0	0	8	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
<b>Participation without accommodations</b>	70	92	70	92	10849	76	70	92	70	92	10872	76	70	92	70	92	10976	77
Identified disability (PET/IEP)	1	1	1	1	298	3	1	1	1	1	307	3	1	1	1	1	338	3
LEP	0	0	0	0	170	2	0	0	0	0	169	2	0	0	0	0	177	2
504 plan	0	0	0	0	123	1	0	0	0	0	121	1	0	0	0	0	126	1
<b>Participation with accommodations</b>	5	7	5	7	3122	22	5	7	5	7	3124	22	5	7	5	7	3019	21
Identified disability (PET/IEP)	4	80	4	80	1992	64	4	80	4	80	2000	64	4	80	4	80	1971	65
LEP	0	0	0	0	184	6	0	0	0	0	196	6	0	0	0	0	184	6
504 plan	0	0	0	0	84	3	0	0	0	0	86	3	0	0	0	0	81	3
Other	1	20	1	20	907	29	1	20	1	20	886	28	1	20	1	20	826	27
<b>Participation through alternate assessment (PAAP)</b>	1	1	1	1	164	1	1	1	1	1	148	1	1	1	1	1	142	1
Identified disability (PET/IEP)	1	100	1	100	164	100	1	100	1	100	148	100	1	100	1	100	142	100
LEP	0	0	0	0	5	3	0	0	0	0	5	3	0	0	0	0	5	4
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	0	0	0	0	19	0	0	0	0	0	19	0	0	0	0	0	20	0
<b>Non-participation – other</b>	0	0	0	0	58	0	0	0	0	0	49	0	0	0	0	0	55	0

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Hermon School Department  
School: Hermon Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 562–580)	2006-2007	0	0	0	0	702	5
	2007-2008	0	0	0	0	659	5
	<b>2008-2009</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>836</b>	<b>6</b>
	Cum. Total*	0	0	0	0	2197	5
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 542–560)	2006-2007	37	52	37	52	7730	55
	2007-2008	43	69	43	69	8195	58
	<b>2008-2009</b>	<b>47</b>	<b>63</b>	<b>47</b>	<b>63</b>	<b>8495</b>	<b>61</b>
	Cum. Total*	127	61	127	61	24420	58
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 532–540)	2006-2007	23	32	23	32	4182	30
	2007-2008	14	23	14	23	3800	27
	<b>2008-2009</b>	<b>26</b>	<b>35</b>	<b>26</b>	<b>35</b>	<b>3667</b>	<b>26</b>
	Cum. Total*	63	30	63	30	11649	28
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 500–530)	2006-2007	11	15	11	15	1419	10
	2007-2008	5	8	5	8	1362	10
	<b>2008-2009</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>973</b>	<b>7</b>
	Cum. Total*	18	9	18	9	3754	9

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	48	100	30.5	63.5	30.5	63.5	30.8	64.2
A1/A2 Interconnected Elements/Literary Text	24	50	14.7	61.3	14.7	61.3	15.0	62.5
A1/A3 Interconnected Elements/Informational Text	24	50	15.8	65.8	15.8	65.8	15.8	65.8

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 5  
SAU: Hermon School Department  
School: Hermon Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	75	0	0	47	63	26	35	2	3	545	75	0	63	35	3	545	13971	6	61	26	7	546
<b>Ethnicity</b>																						
African American/Black	1										1						381	2	44	31	23	540
American Indian or Native Alaskan	0										0						110	0	48	38	14	541
Asian or Pacific Islander	1										1						252	11	58	21	11	547
Hispanic	0										0						166	4	54	32	10	543
Caucasian/White	73	0	0	46	63	25	34	2	3	545	73	0	63	34	3	545	13062	6	62	26	6	546
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	5	0	0	1	20	4	80	0	0	540	5	0	20	80	0	540	2290	0	29	47	23	537
No	70	0	0	46	66	22	31	2	3	545	70	0	66	31	3	545	11681	7	67	22	4	548
<b>Current LEP</b>																						
Yes	0										0						354	1	35	34	30	538
No	75	0	0	47	63	26	35	2	3	545	75	0	63	35	3	545	13617	6	61	26	6	546
<b>Economically disadvantaged</b>																						
Yes	10	0	0	5	50	5	50	0	0	543	10	0	50	50	0	543	5716	2	51	35	12	542
No	65	0	0	42	65	21	32	2	3	545	65	0	65	32	3	545	8255	9	67	20	4	548
<b>Migrant</b>																						
Yes	0										0						8	0	38	25	38	538
No	75	0	0	47	63	26	35	2	3	545	75	0	63	35	3	545	13963	6	61	26	7	546
<b>Gender</b>																						
Female	36	0	0	21	58	14	39	1	3	545	36	0	58	39	3	545	6882	8	62	24	6	547
Male	39	0	0	26	67	12	31	1	3	545	39	0	67	31	3	545	7089	4	60	28	8	545
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1914	1	41	44	14	540
No	75	0	0	47	63	26	35	2	3	545	75	0	63	35	3	545	12057	7	64	23	6	547
<b>Gifted/talented program</b>																						
Yes	0										0						450	26	72	2	0	557
No	75	0	0	47	63	26	35	2	3	545	75	0	63	35	3	545	13521	5	60	27	7	545

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: Hermon School Department

School: Hermon Middle School

QUESTIONNAIRE ITEMS	School										SAU						State						
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	
		%	N	%	N	%	N	%	N														
How much homework do you do on school nights?																							
A. none	4	0	0	1	33	2	67	0	0	543	4	0	33	67	0	543	4	2	40	34	24	540	
B. less than one hour	73	0	0	35	64	18	33	2	4	545	73	0	64	33	4	545	70	6	63	26	6	546	
C. one to two hours	20	0	0	9	60	6	40	0	0	546	20	0	60	40	0	546	24	7	61	26	6	546	
D. more than two hours	3	0	0	2	100	0	0	0	0	548	3	0	100	0	0	548	2	4	42	33	21	541	
Which of the following best describes how you rate yourself as a student in reading?																							
A. very good	46	0	0	21	62	13	38	0	0	546	46	0	62	38	0	546	36	10	67	18	5	549	
B. good	41	0	0	21	70	7	23	2	7	545	41	0	70	23	7	545	47	5	62	27	6	546	
C. fair	14	0	0	4	40	6	60	0	0	542	14	0	40	60	0	542	15	2	47	40	12	541	
D. poor	0										0						2	0	30	46	24	537	
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																							
A. The questions on the test match what I have learned in reading class.	30	0	0	13	59	9	41	0	0	545	30	0	59	41	0	545	31	9	65	20	5	548	
B. They match some of what I have learned.	59	0	0	30	68	12	27	2	5	545	59	0	68	27	5	545	55	5	63	27	5	546	
C. They match just a little of what I have learned.	9	0	0	3	43	4	57	0	0	543	9	0	43	57	0	543	10	3	45	38	14	542	
D. There is no match.	1	0	0	0	0	1	100	0	0	540	1	0	0	100	0	540	3	1	31	41	27	537	
How difficult was the reading part of this test?																							
A. more difficult than my regular schoolwork	21	0	0	8	50	7	44	1	6	543	21	0	50	44	6	543	16	3	49	32	15	542	
B. about the same as my regular schoolwork	64	0	0	32	67	15	31	1	2	545	64	0	67	31	2	545	64	7	63	25	5	547	
C. easier than my regular schoolwork	15	0	0	7	64	4	36	0	0	545	15	0	64	36	0	545	20	5	62	26	7	546	
How difficult were the reading passages on this test?																							
A. Most of the passages were more difficult than what I normally read.	7	0	0	1	20	3	60	1	20	537	7	0	20	60	20	537	10	1	33	42	24	538	
B. Most of the passages were about the same as what I normally read.	43	0	0	17	53	14	44	1	3	543	43	0	53	44	3	543	52	4	61	29	6	545	
C. Most of the passages were easier than what I normally read.	50	0	0	29	78	8	22	0	0	547	50	0	78	22	0	547	38	10	68	18	4	549	
How much time do you spend reading at home each day?																							
A. more than one hour	20	0	0	11	73	4	27	0	0	548	20	0	73	27	0	548	20	10	64	21	5	548	
B. 20 minutes to an hour	50	0	0	24	65	13	35	0	0	545	50	0	65	35	0	545	56	7	65	24	5	547	
C. less than 20 minutes	22	0	0	9	56	5	31	2	13	543	22	0	56	31	13	543	10	3	52	33	12	543	
D. I rarely read at home.	8	0	0	2	33	4	67	0	0	543	8	0	33	67	0	543	14	1	46	38	14	541	
How many pages do you read in school and to complete homework assignments?																							
A. five or fewer pages	25	0	0	9	50	8	44	1	6	544	25	0	50	44	6	544	25	3	53	33	11	543	
B. six to ten pages	14	0	0	8	80	2	20	0	0	546	14	0	80	20	0	546	26	6	61	26	7	546	
C. eleven or more pages	62	0	0	29	64	15	33	1	2	545	62	0	64	33	2	545	49	8	65	23	5	547	
Optional school/SAU question																							
A.	0										0												
B.	0										0												
C.	0										0												
D.	0										0												

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Hermon School Department  
School: Hermon Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 562–580)	2006-2007	8	11	8	11	1711	12
	2007-2008	7	11	7	11	1617	12
	<b>2008-2009</b>	<b>8</b>	<b>11</b>	<b>8</b>	<b>11</b>	<b>2119</b>	<b>15</b>
	Cum. Total*	23	11	23	11	5447	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 542–560)	2006-2007	38	54	38	54	6778	48
	2007-2008	34	55	34	55	7284	52
	<b>2008-2009</b>	<b>40</b>	<b>53</b>	<b>40</b>	<b>53</b>	<b>7046</b>	<b>50</b>
	Cum. Total*	112	54	112	54	21108	50
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 530–540)	2006-2007	11	15	11	15	3884	28
	2007-2008	13	21	13	21	3341	24
	<b>2008-2009</b>	<b>22</b>	<b>29</b>	<b>22</b>	<b>29</b>	<b>3193</b>	<b>23</b>
	Cum. Total*	46	22	46	22	10418	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 500–528)	2006-2007	14	20	14	20	1683	12
	2007-2008	8	13	8	13	1778	13
	<b>2008-2009</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>1638</b>	<b>12</b>
	Cum. Total*	27	13	27	13	5099	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>48</b>	<b>100</b>	25.3	52.7	25.3	52.7	25.5	53.1
<b>A. Number</b>	<b>18</b>	<b>38</b>	10.0	55.6	10.0	55.6	9.8	54.4
<b>B. Data</b>	<b>10</b>	<b>21</b>	5.1	51.0	5.1	51.0	5.2	52.0
<b>C. Geometry</b>	<b>10</b>	<b>21</b>	4.6	46.0	4.6	46.0	4.7	47.0
<b>D. Algebra</b>	<b>10</b>	<b>21</b>	5.7	57.0	5.7	57.0	5.7	57.0

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009

Grade: 5

SAU: Hermon School Department

School: Hermon Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	75	8	11	40	53	22	29	5	7	547	75	11	53	29	7	547	13996	15	50	23	12	547
<b>Ethnicity</b>																						
African American/Black	1										1						385	6	35	28	30	537
American Indian or Native Alaskan	0										0						110	5	42	34	20	540
Asian or Pacific Islander	1										1						257	19	50	20	12	548
Hispanic	0										0						166	9	43	31	17	543
Caucasian/White	73	8	11	38	52	22	30	5	7	546	73	11	52	30	7	546	13078	15	51	23	11	547
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	5	0	0	3	60	1	20	1	20	541	5	0	60	20	20	541	2307	3	32	32	33	536
No	70	8	11	37	53	21	30	4	6	547	70	11	53	30	6	547	11689	17	54	21	8	549
<b>Current LEP</b>																						
Yes	0										0						365	5	33	30	32	536
No	75	8	11	40	53	22	29	5	7	547	75	11	53	29	7	547	13631	15	51	23	11	547
<b>Economically disadvantaged</b>																						
Yes	10	1	10	2	20	5	50	2	20	540	10	10	20	50	20	540	5731	7	46	29	18	542
No	65	7	11	38	58	17	26	3	5	548	65	11	58	26	5	548	8265	21	53	19	7	550
<b>Migrant</b>																						
Yes	0										0						8	0	38	50	13	540
No	75	8	11	40	53	22	29	5	7	547	75	11	53	29	7	547	13988	15	50	23	12	547
<b>Gender</b>																						
Female	36	5	14	20	56	8	22	3	8	548	36	14	56	22	8	548	6889	14	51	23	12	546
Male	39	3	8	20	51	14	36	2	5	546	39	8	51	36	5	546	7107	16	50	23	11	547
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1918	3	39	36	22	539
No	75	8	11	40	53	22	29	5	7	547	75	11	53	29	7	547	12078	17	52	21	10	548
<b>Gifted/talented program</b>																						
Yes	0										0						450	64	34	2	0	564
No	75	8	11	40	53	22	29	5	7	547	75	11	53	29	7	547	13546	14	51	23	12	546

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: Hermon School Department

School: Hermon Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	4	0	0	1	33	2	67	0	0	540	4	0	33	67	0	540	4	8	38	26	28	539
B. less than one hour	73	5	9	31	56	15	27	4	7	547	73	9	56	27	7	547	70	15	52	23	10	547
C. one to two hours	20	3	20	7	47	4	27	1	7	547	20	20	47	27	7	547	24	15	51	23	11	547
D. more than two hours	3	0	0	1	50	1	50	0	0	546	3	0	50	50	0	546	2	9	37	24	30	539
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	32	3	13	15	63	6	25	0	0	549	32	13	63	25	0	549	34	28	50	14	8	552
B. good	46	5	15	17	50	11	32	1	3	547	46	15	50	32	3	547	45	11	54	24	10	546
C. fair	19	0	0	7	50	3	21	4	29	541	19	0	50	21	29	541	18	3	45	33	19	540
D. poor	3	0	0	1	50	1	50	0	0	547	3	0	50	50	0	547	3	1	29	41	29	535
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	29	3	14	8	36	10	45	1	5	546	29	14	36	45	5	546	38	22	52	19	7	550
B. They match some of what I have learned.	63	5	11	28	60	11	23	3	6	547	63	11	60	23	6	547	48	12	53	24	11	546
C. They match just a little of what I have learned.	8	0	0	4	67	1	17	1	17	543	8	0	67	17	17	543	11	6	40	30	24	540
D. There is no match.	0										0						3	6	26	29	38	534
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	23	2	12	7	41	6	35	2	12	545	23	12	41	35	12	545	17	7	42	30	21	540
B. about the same as my regular schoolwork	64	5	10	27	56	13	27	3	6	546	64	10	56	27	6	546	64	15	53	23	10	547
C. easier than my regular schoolwork	13	1	10	6	60	3	30	0	0	551	13	10	60	30	0	551	19	24	49	17	10	550
<b>On average, how many minutes a day do you spend working on mathematics in class?</b>																						
A. less than 30 minutes	4	0	0	1	33	0	0	2	67	529	4	0	33	0	67	529	7	6	39	27	27	539
B. 30–45 minutes	51	3	8	20	53	13	34	2	5	547	51	8	53	34	5	547	28	9	49	28	15	544
C. 45–60 minutes	32	4	17	12	50	8	33	0	0	549	32	17	50	33	0	549	41	17	53	21	9	548
D. more than 60 minutes	13	1	10	7	70	1	10	1	10	547	13	10	70	10	10	547	24	21	51	20	8	549
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	0										0						6	14	43	24	20	543
B. two or three days a week	17	1	8	9	69	3	23	0	0	551	17	8	69	23	0	551	24	17	52	21	10	548
C. two or three times each month	40	5	17	16	53	7	23	2	7	548	40	17	53	23	7	548	33	17	52	21	9	548
D. never or almost never	43	2	6	15	47	12	38	3	9	543	43	6	47	38	9	543	38	12	49	25	14	545
<b>How often do you use hands-on materials in mathematics class?</b>																						
A. almost every day	24	0	0	7	39	9	50	2	11	541	24	0	39	50	11	541	23	13	47	26	15	545
B. two or three days a week	39	5	17	15	52	6	21	3	10	548	39	17	52	21	10	548	31	17	52	21	10	548
C. two or three times each month	27	3	15	13	65	4	20	0	0	550	27	15	65	20	0	550	27	17	52	21	10	548
D. never or almost never	11	0	0	5	63	3	38	0	0	546	11	0	63	38	0	546	20	12	50	24	14	545
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 5  
SAU: Hermon School Department  
School: Hermon Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 562–580)	2008-2009*	1	1	1	1	626	4
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 542–560)	2008-2009*	33	44	33	44	7187	51
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 532–540)	2008-2009*	30	40	30	40	4364	31
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 500–530)	2008-2009*	11	15	11	15	1818	13

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	48	100	27.5	57.3	27.5	57.3	29.2	60.8
<b>D. The Physical Setting</b>	24	50	12.1	50.4	12.1	50.4	12.9	53.8
<b>E. The Living Environment</b>	24	50	15.4	64.2	15.4	64.2	16.3	67.9

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
Grade: 5  
SAU: Hermon School Department  
School: Hermon Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	75	1	1	33	44	30	40	11	15	540	75	1	44	40	15	540	13995	4	51	31	13	543
<b>Ethnicity</b>																						
African American/Black	1										1						382	2	31	32	35	535
American Indian or Native Alaskan	0										0						110	3	36	35	26	538
Asian or Pacific Islander	1										1						256	5	51	27	17	542
Hispanic	0										0						167	1	40	37	22	539
Caucasian/White	73	1	1	31	42	30	41	11	15	540	73	1	42	41	15	540	13080	5	52	31	12	544
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	5	0	0	1	20	2	40	2	40	530	5	0	20	40	40	530	2309	2	29	39	29	536
No	70	1	1	32	46	28	40	9	13	541	70	1	46	40	13	541	11686	5	56	30	10	545
<b>Current LEP</b>																						
Yes	0										0						361	1	23	32	44	533
No	75	1	1	33	44	30	40	11	15	540	75	1	44	40	15	540	13634	5	52	31	12	544
<b>Economically disadvantaged</b>																						
Yes	10	0	0	5	50	5	50	0	0	543	10	0	50	50	0	543	5729	2	42	37	20	539
No	65	1	2	28	43	25	38	11	17	540	65	2	43	38	17	540	8266	6	58	27	8	546
<b>Migrant</b>																						
Yes	0										0						8	0	25	13	63	530
No	75	1	1	33	44	30	40	11	15	540	75	1	44	40	15	540	13987	4	51	31	13	543
<b>Gender</b>																						
Female	36	1	3	13	36	17	47	5	14	541	36	3	36	47	14	541	6886	4	49	33	14	542
Male	39	0	0	20	51	13	33	6	15	540	39	0	51	33	15	540	7109	5	54	29	12	544
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	0										0						1917	1	31	41	28	536
No	75	1	1	33	44	30	40	11	15	540	75	1	44	40	15	540	12078	5	55	30	11	544
<b>Gifted/talented program</b>																						
Yes	0										0						450	25	72	2	1	557
No	75	1	1	33	44	30	40	11	15	540	75	1	44	40	15	540	13545	4	51	32	13	543

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009

Grade: 5

SAU: Hermon School Department

School: Hermon Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	4	0	0	0	0	2	67	1	33	535	4	0	0	67	33	535	4	2	37	35	25	538
B. less than one hour	73	1	2	25	45	20	36	9	16	540	73	2	45	36	16	540	70	4	53	31	12	544
C. one to two hours	20	0	0	7	47	7	47	1	7	542	20	0	47	47	7	542	24	5	51	31	12	544
D. more than two hours	3	0	0	1	50	1	50	0	0	541	3	0	50	50	0	541	2	4	39	31	26	539
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	29	1	5	10	45	8	36	3	14	542	29	5	45	36	14	542	26	7	56	26	11	545
B. good	49	0	0	18	49	13	35	6	16	540	49	0	49	35	16	540	53	4	53	31	11	544
C. fair	20	0	0	5	33	8	53	2	13	538	20	0	33	53	13	538	18	2	41	39	17	540
D. poor	1	0	0	0	0	1	100	0	0	536	1	0	0	100	0	536	3	1	33	36	30	536
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	21	1	6	5	31	9	56	1	6	542	21	6	31	56	6	542	23	5	56	28	11	544
B. They match some of what I have learned.	56	0	0	19	45	17	40	6	14	541	56	0	45	40	14	541	48	5	52	31	12	544
C. They match just a little of what I have learned.	20	0	0	8	53	4	27	3	20	540	20	0	53	27	20	540	23	4	49	33	14	543
D. There is no match.	3	0	0	1	50	0	0	1	50	531	3	0	50	0	50	531	6	3	40	34	23	539
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	20	0	0	9	60	4	27	2	13	541	20	0	60	27	13	541	23	5	48	31	16	543
B. about the same as my regular schoolwork	67	1	2	19	38	21	42	9	18	539	67	2	38	42	18	539	58	4	52	32	12	543
C. easier than my regular schoolwork	13	0	0	5	50	5	50	0	0	544	13	0	50	50	0	544	19	6	53	29	11	544
<b>How often do you have science classes?</b>																						
A. every day	5	1	25	1	25	1	25	1	25	544	5	25	25	25	25	544	33	5	51	31	14	543
B. a few times a week	49	0	0	16	44	13	36	7	19	539	49	0	44	36	19	539	45	4	52	32	11	544
C. once a week	18	0	0	5	38	6	46	2	15	541	18	0	38	46	15	541	8	4	50	30	16	542
D. a few times a month	28	0	0	11	52	9	43	1	5	542	28	0	52	43	5	542	15	4	52	30	14	543
<b>Which statement best describes how you learn science?</b>																						
A. I mostly read a textbook and answer questions, and/or take notes and do assignments. I use science kits for demonstrations and experiments.	35	1	4	11	42	11	42	3	12	542	35	4	42	42	12	542	30	3	48	35	14	542
B. I work in groups to design and conduct experiments.	20	0	0	5	33	7	47	3	20	537	20	0	33	47	20	537	23	2	43	37	18	540
C. I do a combination of A and B, mostly A.	31	0	0	12	52	7	30	4	17	540	31	0	52	30	17	540	27	6	58	26	9	546
D. I do a combination of A and B, mostly B.	15	0	0	5	45	5	45	1	9	541	15	0	45	45	9	541	21	6	58	27	10	545
<b>How often do you make observations and collect data in science class?</b>																						
A. a few times a week	35	0	0	13	50	10	38	3	12	541	35	0	50	38	12	541	47	4	51	32	12	543
B. a few times a month	32	1	4	9	38	10	42	4	17	541	32	4	38	42	17	541	27	5	54	30	11	544
C. once a month	15	0	0	6	55	5	45	0	0	543	15	0	55	45	0	543	10	5	49	30	15	543
D. never or almost never	19	0	0	5	36	5	36	4	29	538	19	0	36	36	29	538	15	3	48	32	16	542
<b>How often do you use observations and data to support your idea about science?</b>																						
A. a few times a week	39	0	0	13	45	14	48	2	7	540	39	0	45	48	7	540	46	4	52	32	12	543
B. a few times a month	34	1	4	8	32	10	40	6	24	540	34	4	32	40	24	540	28	5	53	30	12	544
C. once a month	15	0	0	6	55	4	36	1	9	541	15	0	55	36	9	541	11	4	47	34	15	542
D. never or almost never	12	0	0	5	56	2	22	2	22	542	12	0	56	22	22	542	15	4	50	30	16	542
<b>Optional school/SAU question</b>																						
A.	0										0											
B.	0										0											
C.	0										0											
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards  
N = Number